

Chemistry and Physics of Lipids 71 (1994) 249-252 Chemistry and Physics of LIPIDS

Subject index

Volume 71 (1994)

Acetylene coupling; Mycobacterium tuberculosis; Tuberculostearic acid; (R,S)-10-Methyloctadecanoic acid; Chiral 2-methyl branched fatty acids 71, 145

Activated zinc; Mycolic acid; Biosynthetic intermediate; Inhibitor; Tetracosenoic acid; Cyclopropene fatty acid; Cyclopropane fatty acid; Cyclopropane fatty acid; Diiodocyclopropane 71, 99

Aggregation properties; Gangliosides; Critical micellar concentration; Ganglioside-protein interactions 71, 21

Albumin binding of palmitate; Palmitate; Palmitate availability; Reserve albumin for binding of palmitate; Dialytic exchange rates for palmitate 71, 13

Amino group; Phosphatidylcholine; Phosphatidylethanolamine; Peroxidation; Fluorescence; Multilamellar vesicles 71, 197

Antioxidant activity; Lipophilic vitamin C; Erythrocyte hemolysis 71, 95

Barostat; Oil drop; Triacylglycerol; Interfacial tension; Hyperbar; Lipase kinetics 71, 163

Biosynthetic intermediate; Mycolic acid; Inhibitor; Tetracosenoic acid; Cyclopropene fatty acid; Cyclopropane fatty acid; Diiodocyclopropane; Activated zinc 71, 99

Chiral 2-methyl branched fatty acids; Mycobacterium tuberculosis; Tuberculostearic acid; Acetylene coupling; (R,S)-10-Methyloctadecanoic acid 71, 145

Cholesterol; Monolayers; Cholesterol oxidase; Phosphatidylcholine; Sphingomyelin; Lipid interactions 71, 73

Cholesterol oxidase; Monolayers; Cholesterol; Phosphatidylcholine; Sphingomyelin; Lipid interactions 71, 73

Confocal laser scanning microscopy; Epithelial cells; Tight junctions; Non-lamellar lipid phase; Fluorescence recovery after photobleaching; Translateral diffusion 71, 133

Countercurrent distribution; Dimorphecolic acid methyl ester; Methyl 9-oxo-10,12-E,E-octadecadienoate; Crystallization; ¹H and ¹³C-NMR spectroscopy 71, 187

Critical micellar concentration; Gangliosides; Aggregation properties; Ganglioside-protein interactions 71, 21

Crystallization; Dimorphecolic acid methyl ester; Methyl 9oxo-10,12-E,E-octadecadienoate; Countercurrent distribution; ¹H and ¹³C-NMR spectroscopy 71, 187

Cyclopropane fatty acid; Mycolic acid; Biosynthetic intermediate; Inhibitor; Tetracosenoic acid; Cyclopropene fatty acid; Diiodocyclopropane; Activated zinc 71, 99

Cyclopropene fatty acid; Mycolic acid; Biosynthetic intermediate; Inhibitor; Tetracosenoic acid; Cyclopropane fatty acid; Diiodocyclopropane; Activated zinc 71, 99

Dialytic exchange rates for palmitate; Palmitate; Albumin binding of palmitate; Palmitate availability; Reserve albumin for binding of palmitate 71, 13

Diene isomerization; 15-oxygenated sterols; Epoxide hydrolysis; Mass spectrometry; ¹H and ¹³C-NMR 71, 205

Differential polarized phase fluorometry; 1,6-diphenyl-1,3,5-hexatriene; *n*-(9-anthroyloxy)stearic acids; Lipid chain order and dynamics; Phophatidylcholine bilayers 71, 61

Differential scanning calorimetry; 5-n-Alkylresorcinols; Dipalmitoylphosphatidylcholine; Phase transition; Differential scanning densitometry; Monolayers 71, 229

Differential scanning densitometry; 5-n-Alkylresorcinols; Dipalmitoylphosphatidylcholine; Phase transition; Differential scanning calorimetry; Monolayers 71, 229

Diiodocyclopropane; Mycolic acid; Biosynthetic intermediate; Inhibitor; Tetracosenoic acid; Cyclopropene fatty acid; Cyclopropane fatty acid; Activated zinc 71, 99

Dimorphecolic acid methyl ester; Methyl 9-oxo-10,12-E,E-octadecadienoate; Countercurrent distribution; Crystallization; ¹H and ¹³C-NMR spectroscopy **71**, 187

Dipalmitoylphosphatidylcholine; 5-n-Alkylresorcinols; Phase transition; Differential scanning calorimetry; Differential scanning densitometry; Monolayers 71, 229

1,6-diphenyl-1,3,5-hexatriene; Differential polarized phase fluorometry; *n*-(9-anthroyloxy)stearic acids; Lipid chain order and dynamics; Phophatidylcholine bilayers **71**, 61

DSC; Lipid/surfactant mixture; Pseudobinary phase behaviour; ²H-, ³¹P-NMR; Freeze fracture electron microscopy; Eutectic behaviour 71, 1

E-2-octenal; N-(Carbobenzyloxy)-L-histidine; Reaction 71, 245

Epithelial cells; Tight junctions; Non-lamellar lipid phase; Fluorescence recovery after photobleaching; Translateral diffusion; Confocal laser scanning microscopy 71, 133

Epoxide hydrolysis; 15-oxygenated sterols; Diene isomerization; Mass spectrometry; ¹H and ¹³C-NMR **71**, 205

Erythrocyte hemolysis; Lipophilic vitamin C; Antioxidant activity 71, 95

ESR line shape; Reorientational dynamics; Potassium oleate; Micelle 71, 83

Eutectic behaviour; Lipid/surfactant mixture; Pseudobinary phase behaviour; DSC; ²H-, ³¹P-NMR; Freeze fracture electron microscopy 71, 1

Fluorescence; Phosphatidylcholine; Phosphatidylethanolamine; Peroxidation; Amino group; Multilamellar vesicles 71, 197

Fluorescence recovery after photobleaching; Epithelial cells; Tight junctions; Non-lamellar lipid phase; Translateral diffusion; Confocal laser scanning microscopy 71, 133

Freeze fracture electron microscopy; Lipid/surfactant mixture; Pseudobinary phase behaviour; DSC; ²H-, ³¹P-NMR; Eutectic behaviour 71, 1

FTIR; Wilhelmy surface balance; Lipid thermotropism; Protein-lipid interactions 71, 47

FTIR spectroscopy; Reversed micellar solution phase; Lamellar liquid-crystalline phase; Reversed cubic liquid crystalline phase; Phase transition 71, 119

Ganglioside-protein interactions; Gangliosides; Aggregation properties; Critical micellar concentration 71, 21

Gangliosides; Aggregation properties; Critical micellar concentration; Ganglioside-protein interactions 71, 21

¹H and ¹³C-NMR; 15-oxygenated sterols; Diene isomerization; Epoxide hydrolysis; Mass spectrometry 71, 205

¹H and ¹³C-NMR spectroscopy; Dimorphecolic acid methyl ester; Methyl 9-oxo-10,12-E,E-octadecadienoate; Countercurrent distribution; Crystallization 71, 187

²H-, ³¹P-NMR; Lipid/surfactant mixture; Pseudobinary phase behaviour; DSC; Freeze fracture electron microscopy; Eutectic behaviour 71, 1

Head-to-tail packing; N-alkadiyne-gluconamide; Low-temperature X-ray structure 71, 175

Headgroup conformational change; Internal thermal vibrations 71, 219

Hyperbar; Oil drop; Triacylglycerol; Interfacial tension; Barostat; Lipase kinetics 71, 163

Inhibitor; Mycolic acid; Biosynthetic intermediate; Tetracosenoic acid; Cyclopropene fatty acid; Cyclopropane fatty acid; Diiodocyclopropane; Activated zinc 71, 99

Interfacial tension; Oil drop; Triacylglycerol; Barostat; Hyperbar; Lipase kinetics 71, 163

Internal thermal vibrations; Headgroup conformational change 71, 219

Ion traces; Vegetable lipids; Plasmalogen derivative 71, 109

Lamellar liquid-crystalline phase; FTIR spectroscopy; Reversed micellar solution phase; Reversed cubic liquid crystalline phase; Phase transition 71, 119

Lipase kinetics; Oil drop; Triacylglycerol; Interfacial tension; Barostat; Hyperbar 71, 163

Lipid chain order and dynamics; Differential polarized phase fluorometry; 1,6-diphenyl-1,3,5-hexatriene; *n*-(9-anthroyl-oxy)stearic acids; Phophatidylcholine bilayers 71, 61

Lipid interactions; Monolayers; Cholesterol oxidase; Cholesterol; Phosphatidylcholine; Sphingomyelin 71, 73

Lipid thermotropism; FTIR; Wilhelmy surface balance; Protein-lipid interactions 71, 47

Lipid/surfactant mixture; Pseudobinary phase behaviour; DSC; ²H-, ³¹P-NMR; Freeze fracture electron microscopy; Eutectic behaviour **71**, 1

Lipophilic vitamin C; Antioxidant activity; Erythrocyte hemolysis 71, 95

Low-temperature X-ray structure; *N*-alkadiyne-gluconamide; Head-to-tail packing **71**, 175

Mass spectrometry; 15-oxygenated sterols; Diene isomerization; Epoxide hydrolysis; ¹H and ¹³C-NMR 71, 205

Methyl 9-oxo-10,12-E,E-octadecadienoate; Dimorphecolic acid methyl ester; Countercurrent distribution; Crystallization; ¹H and ¹³C-NMR spectroscopy 71, 187

Micelle; ESR line shape; Reorientational dynamics; Potassium oleate 71, 83

Monolayers; 5-n-Alkylresorcinols; Dipalmitoylphosphatidylcholine; Phase transition; Differential scanning calorimetry; Differential scanning densitometry 71, 229

Monolayers; Cholesterol oxidase; Cholesterol; Phosphatidylcholine; Sphingomyelin; Lipid interactions 71, 73

Multilamellar vesicles; Phosphatidylcholine; Phosphatidylethanolamine; Peroxidation; Fluorescence; Amino group 71, 197

Mycobacterium tuberculosis; Tuberculostearic acid; Acetylene coupling; (R,S)-10-Methyloctadecanoic acid; Chiral 2-methyl branched fatty acids 71, 145

Mycolic acid; Biosynthetic intermediate; Inhibitor; Tetracosenoic acid; Cyclopropene fatty acid; Cyclopropane fatty acid; Diiodocyclopropane; Activated zinc 71, 99

n-(9-anthroyloxy)stearic acids; Differential polarized phase fluorometry; 1,6-diphenyl-1,3,5-hexatriene; Lipid chain order and dynamics; Phophatidylcholine bilayers 71, 61

N-(Carbobenzyloxy)-L-histidine; E-2-octenal; Reaction 71, 245

N-alkadiyne-gluconamide; Low-temperature X-ray structure; Head-to-tail packing 71,/175

5-n-Alkylresorcinols; Dipalmitoylphosphatidylcholine; Phase transition; Differential scanning calorimetry; Differential scanning densitometry; Monolayers 71, 229

Non-lamellar lipid phase; Epithelial cells; Tight junctions; Fluorescence recovery after photobleaching; Translateral diffusion; Confocal laser scanning microscopy 71, 133

Oil drop; Triacylglycerol; Interfacial tension; Barostat; Hyperbar; Lipase kinetics 71, 163

15-oxygenated sterols; Diene isomerization; Epoxide hydrolysis; Mass spectrometry; ¹H and ¹³C-NMR **71**, 205

Palmitate; Albumin binding of palmitate; Palmitate availability; Reserve albumin for binding of palmitate; Dialytic exchange rates for palmitate 71, 13

Palmitate availability; Palmitate; Albumin binding of

palmitate; Reserve albumin for binding of palmitate; Dialytic exchange rates for palmitate 71, 13

Peroxidation; Phosphatidylcholine; Phosphatidylethanolamine; Fluorescence; Amino group; Multilamellar vesicles 71, 197

Phase transition; 5-n-Alkylresorcinols; Dipalmitoylphosphatidylcholine; Differential scanning calorimetry; Differential scanning densitometry; Monolayers 71, 229

Phase transition; FTIR spectroscopy; Reversed micellar solution phase; Lamellar liquid-crystalline phase; Reversed cubic liquid crystalline phase 71, 119

Phophatidylcholine bilayers; Differential polarized phase fluorometry; 1,6-diphenyl-1,3,5-hexatriene; *n*-(9-anthroyloxy)stearic acids; Lipid chain order and dynamics 71, 61

Phosphatidylcholine; Monolayers; Cholesterol oxidase; Cholesterol; Sphingomyelin; Lipid interactions 71, 73

Phosphatidylcholine; Phosphatidylethanolamine; Peroxidation; Fluorescence; Amino group; Multilamellar vesicles 71, 197

Phosphatidylethanolamine; Phosphatidylcholine; Peroxidation; Fluorescence; Amino group; Multilamellar vesicles 71, 197

Plasmalogen derivative; Vegetable lipids; Ion traces 71, 109

Potassium oleate; ESR line shape; Reorientational dynamics; Micelle 71, 83

Protein-lipid interactions; FTIR; Wilhelmy surface balance; Lipid thermotropism 71, 47

Pseudobinary phase behaviour; Lipid/surfactant mixture; DSC; ²H-, ³¹P-NMR; Freeze fracture electron microscopy; Eutectic behaviour 71, 1

(R,S)-10-Methyloctadecanoic acid; Mycobacterium tuberculosis; Tuberculostearic acid; Acetylene coupling; Chiral 2-methyl branched fatty acids 71, 145

Reaction; N-(Carbobenzyloxy)-L-histidine; E-2-octenal 71, 245

Reorientational dynamics; ESR line shape; Potassium oleate; Micelle 71, 83

Reserve albumin for binding of palmitate; Palmitate; Albumin binding of palmitate; Palmitate availability; Dialytic exchange rates for palmitate 71, 13

Reversed cubic liquid crystalline phase; FTIR spectroscopy; Reversed micellar solution phase; Lamellar liquid-crystalline phase; Phase transition 71, 119

Reversed micellar solution phase; FTIR spectroscopy; Lamellar

liquid-crystalline phase; Reversed cubic liquid crystalline phase; Phase transition 71, 119

Sphingomyelin; Monolayers; Cholesterol oxidase; Cholesterol; Phosphatidylcholine; Lipid interactions 71, 73

Tetracosenoic acid; Mycolic acid; Biosynthetic intermediate; Inhibitor; Cyclopropene fatty acid; Cyclopropane fatty acid; Diiodocyclopropane; Activated zinc 71, 99

Tight junctions; Epithelial cells; Non-lamellar lipid phase; Fluorescence recovery after photobleaching; Translateral diffusion; Confocal laser scanning microscopy **71**, 133

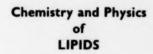
Translateral diffusion; Epithelial cells; Tight junctions; Nonlamellar lipid phase; Fluorescence recovery after photobleaching; Confocal laser scanning microscopy 71, 133

Triacylglycerol; Oil drop; Interfacial tension; Barostat; Hyperbar; Lipase kinetics 71, 163

Tuberculostearic acid; *Mycobacterium tuberculosis*; Acetylene coupling; (R,S)-10-Methyloctadecanoic acid; Chiral 2-methyl branched fatty acids **71**, 145

Vegetable lipids; Plasmalogen derivative; Ion traces 71, 109

Wilhelmy surface balance; FTIR; Lipid thermotropism; Protein-lipid interactions 71, 47





Chemistry and Physics of Lipids 71 (1994) 253

Author index

Volume 71 (1994)

Acquotti,	D. 71, 21
Alaiz, M.	71, 245
Andersen,	S. 71, 13
André, C.	71, 175

Baird, M.S. 71, 99 Blume, A. 71, 229 Brenner, R.R. 71, 61 Brodersen, R. 71, 13

Cagna, A. 71, 163 Cantù, L. 71, 21 Corti, M. 71, 21 Craven, B.M. 71, 219

de Buyck, L. 71, 187 de Rijk, T. 71, 187 de Waard, P. 71, 187 de Wit, D. 71, 187

Esposito, G. 71, 163

Felde, R. 71, 109 Fuhrhop, J-H. 71, 175

Galla, H-J. 71, 133 Garda, H.A. 71, 61 Gaudry-Rolland, N. 71, 163 Gerdon, S. 71, 229 Girón, J. 71, 245 Grebenkämper, K. 71, 133 Gupta, S.L. 71, 47 Hartmann, S. 71, 99 Hoffmann, S. 71, 229 Holmgren, A. 71, 119

Klose, G. 71, 1 Kouyama, T. 71, 197 Krill, S.L. 71, 47 Kuang, Z-H. 71, 95

Labourdenne, S. 71, 163 Letellier, S. 71, 163 Liang, Z. 71, 83 Lin, M. 71, 163 Lindblom, G. 71, 119 Liu, Z-L. 71, 95 Liu, Y-C. 71, 95 Luger, P. 71, 175

Marklund, N. 71, 83 Mattjus, P. 71, 73 Mädler, B. 71, 1 McCrudden, K. 71, 145 Minnikin, D.E. 71, 145 Minnikin, D.E. 71, 99 Möps, A. 71, 1

Nilsson, A. 71, 119

Pizzarello, A. 71, 145

Ratledge, C. 71, 99 Richter, W. 71, 1 Rivière, C. 71, 163 Römming, H-J. 71, 99 Ruble, J.R. 71, 219

Schroepfer, Jr., G.J. 71, 205 Shibata, T. 71, 197 Siddiqui, A.U. 71, 205 Slotte, J.P. 71, 73 Smith, T. 71, 47 Sonnino, S. 71, 21 Spiteller, G. 71, 109

Tassignon, P. 71, 187 Tournois, H. 71, 187 Tricerri, M.A. 71, 61 Tschierske, C. 71, 1

Ueki, T. 71, 197

Venerando, B. 71, 21 Verger, R. 71, 163 Vorum, H. 71, 13

Wallace, P.A. 71, 145 Wang, J-Y. 71, 197 Wang, Z-Y. 71, 197 Wang, P-F. 71, 95 Westlund, P-O. 71, 83 Wheeler, P.R. 71, 99 Wikander, G. 71, 83 Wilson, W.K. 71, 205 Won Han, G. 71, 219

Zheng, R-L. 71, 95

